



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/680,755
Source: Aipe
Date Processed by STIC: 10-24-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/2003



OIPÉ

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/680,755

DATE: 10/24/2003

TIME: 09:30:38

Input Set : A:\pto.pg.txt

Output Set: N:\CRF4\10242003\J680755.raw

4 <110> APPLICANT: Thompson, Penny J.
 5 Sheppard, Paul O.
 7 <120> TITLE OF INVENTION: Uses of Human Zven Antagonists
 10 <130> FILE REFERENCE: 02-22
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/680,755
 C--> 12 <141> CURRENT FILING DATE: 2003-10-07
 12 <150> PRIOR APPLICATION NUMBER: 60/416,719
 13 <151> PRIOR FILING DATE: 2002-10-07
 15 <150> PRIOR APPLICATION NUMBER: 60/416,718
 16 <151> PRIOR FILING DATE: 2002-10-07
 18 <150> PRIOR APPLICATION NUMBER: 60/434,116
 19 <151> PRIOR FILING DATE: 2002-12-16
 21 <150> PRIOR APPLICATION NUMBER: 60/433,918
 22 <151> PRIOR FILING DATE: 2002-12-16
 24 <150> PRIOR APPLICATION NUMBER: to be determined
 25 <151> PRIOR FILING DATE: 2003-10-03
 W--> 27 <150> PRIOR APPLICATION NO: to be determined
 28 <151> PRIOR FILING DATE: 2003-10-03
 30 <160> NUMBER OF SEQ ID NOS: 29
 32 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

94 <210> SEQ ID NO: 2
 95 <211> LENGTH: 108
 96 <212> TYPE: PRT
 97 <213> ORGANISM: Homo sapiens
 99 <400> SEQUENCE: 2
 100 Met Arg Ser Leu Cys Cys Ala Pro Leu Leu Leu Leu Leu Leu Pro
 101 1 5 10 15
 102 Pro Leu Leu Leu Thr Pro Arg Ala Gly Asp Ala Ala Val Ile Thr Gly
 103 20 25 30
 104 Ala Cys Asp Lys Asp Ser Gln Cys Gly Gly Gly Met Cys Cys Ala Val
 105 35 40 45
 106 Ser Ile Trp Val Lys Ser Ile Arg Ile Cys Thr Pro Met Gly Lys Leu
 107 50 55 60
 108 Gly Asp Ser Cys His Pro Leu Thr Arg Lys Val Pro Phe Phe Gly Arg
 109 65 70 75 80
 110 Arg Met His His Thr Cys Pro Cys Leu Pro Gly Leu Ala Cys Leu Arg
 111 85 90 95
 112 Thr Ser Phe Asn Arg Phe Ile Cys Leu Ala Gln Lys
 113 100 105

<210> 3

Insert Hard Return
 Format errors

Please ensure that file is
 saved to ASCII text format 10/24/03

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Input Set : A:\pto.pg.txt

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114 <211> LENGTH: 324
 115 <212> TYPE: DNA
 116 <213> ORGANISM: Artificial Sequence
 118 <220> FEATURE:
 119 <223> OTHER INFORMATION: This degenerate sequence encodes the amino acid
 120 sequence of SEQ ID NO:2.

Ignore
 W--> 122 <221> NAME/KEY: misc_feature
 123 <222> LOCATION: (1)...(324)
 124 <223> OTHER INFORMATION: n = A,T,C or G

Ignore
 W--> 126 <210> SEQ ID NO:
 W--> 126 <400> 3

127 atgmgwnswy tntgytgygc nccnytnytn ytnytnytny tnytnccncc nytnytnytn 60
 128 acnccnmgnng cnggngaygc ngcngtnath acngngngcnt gygayaarga ywsncartgy 120
 129 ggngggnggna tgtgytgygc ngtnwnsnath tgggtnaarw snathmgnat htgyacnccn 180
 130 atgggnaary tnggngayws ntgyacayccn ytnacnmgna argtnccntt yttyggngmgn 240
 131 mgntatgcayc ayacntgycc ntgyytnccn ggnytnngent gyytnmgnac nwsnttyaay 300
 132 mgnttyatht gyytnngcnca raar 324

W--> 134 <210> SEQ ID NO: 4
 194 <210> SEQ ID NO: 5
 195 <211> LENGTH: 105
 196 <212> TYPE: PRT
 197 <213> ORGANISM: Homo sapiens
 199 <400> SEQUENCE: 5

200	Met	Arg	Gly	Ala	Thr	Arg	Val	Ser	Ile	Met	Leu	Leu	Leu	Val	Thr	Val
201	1				5					10					15	
202	Ser	Asp	Cys	Ala	Val	Ile	Thr	Gly	Ala	Cys	Glu	Arg	Asp	Val	Gln	Cys
203				20					25					30		
204	Gly	Ala	Gly	Thr	Cys	Cys	Ala	Ile	Ser	Leu	Trp	Leu	Arg	Gly	Leu	Arg
205				35				40					45			
206	Met	Cys	Thr	Pro	Leu	Gly	Arg	Glu	Gly	Glu	Glu	Cys	His	Pro	Gly	Ser
207		50					55					60				
208	His	Lys	Val	Pro	Phe	Phe	Arg	Lys	Arg	Lys	His	His	Thr	Cys	Pro	Cys
209	65				70					75				80		
210	Leu	Pro	Asn	Leu	Leu	Cys	Ser	Arg	Phe	Pro	Asp	Gly	Arg	Tyr	Arg	Cys
211				85					90					95		
212	Ser	Met	Asp	Leu	Lys	Asn	Ile	Asn	Phe							
213				100				105								

214 <211> LENGTH: 315
 215 <212> TYPE: DNA
 216 <213> ORGANISM: Artificial Sequence
 218 <220> FEATURE:
 219 <223> OTHER INFORMATION: This degenerate sequence encodes the amino acid
 220 sequence of SEQ ID NO:5.

Ignore
 W--> 222 <221> NAME/KEY: misc_feature
 223 <222> LOCATION: (1)...(315)
 224 <223> OTHER INFORMATION: n = A,T,C or G

W--> 226 <210> SEQ ID NO:
 W--> 226 <400> 6

W--> 227 atgmgnggng cncnmgngt nwsnathatg ytnytnytny tnacngtnws ngaytgygcn 60

same error

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228 gtnathacng gngcntgyga rmgngaygtn cartgyggng cnggnacntg ytgygcath 120
 229 wsnyntggy tnmnggnytm nmgnatgtgy acncnytnng gnmngargg ngargartgy 180
 230 cayccnggnw sncayaargt nccnttytty mgnarmgna arcaycayac ntgyccntgy 240
 231 ytnccnaayy tnyntgyws nmgnattyccn gayggnmgnt aymngtgyws natggaytn 300
 232 aaraayatha ayttt 315

Is here
 S--> 234 <210> SEQ ID NO: 7

235 <211> LENGTH: 16

236 <212> TYPE: PRT

C--> 237 <213> ORGANISM: Artificial Sequence

239 <220> FEATURE:

240 <223> OTHER INFORMATION: Peptide linker.

242 <400> SEQUENCE: 7

243 Gly Gly Ser Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser / <210> 8
 244 1 5 10 15

245 <211> LENGTH: 10

246 <212> TYPE: PRT

247 <213> ORGANISM: Artificial Sequence

249 <220> FEATURE:

250 <223> OTHER INFORMATION: Motif.

W--> 252 <221> NAME/KEY: VARIANT

253 <222> LOCATION: (8)...(8)

254 <223> OTHER INFORMATION: Xaa is Asp or Glu.

W--> 256 <221> VARIANT

257 <222> LOCATION: (9)...(9)

258 <223> OTHER INFORMATION: Xaa is Lys or Arg.

W--> 260 <221> VARIANT

261 <222> LOCATION: (1)...(10)

262 <223> OTHER INFORMATION: Xaa = Any Amino Acid

Is here
 S--> 264 <210> SEQ ID NO:

W--> 264 <400> 8

W--> 265 Ala Val Ile Thr Gly Ala Cys Xaa Xaa Asp / <210> 9
 266 1 5 10

267 <211> LENGTH: 23

268 <212> TYPE: PRT

269 <213> ORGANISM: Artificial Sequence

271 <220> FEATURE:

272 <223> OTHER INFORMATION: Motif.

W--> 274 <221> NAME/KEY: VARIANT

275 <222> LOCATION: (4)...(4)

276 <223> OTHER INFORMATION: Xaa is Gly or Leu.

W--> 278 <221> VARIANT

279 <222> LOCATION: (5)...(5)

280 <223> OTHER INFORMATION: Xaa is Ser or Thr.

W--> 282 <221> VARIANT

283 <222> LOCATION: (6)...(6)

284 <223> OTHER INFORMATION: Xaa is His or Arg.

W--> 286 <221> VARIANT

287 <222> LOCATION: (12)...(12)

288 <223> OTHER INFORMATION: Xaa is any amino acid.

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Input Set : A:\pto.pg.txt

Output Set: N:\CRF4\10242003\J680755.raw

W--> 290 <221> VARIANT

291 <222> LOCATION: (13)...(13)

292 <223> OTHER INFORMATION: Xaa is Lys or Arg.

W--> 294 <221> VARIANT

295 <222> LOCATION: (15)...(15)

296 <223> OTHER INFORMATION: Xaa is any amino acid.

E--> 298 <210> SEQ ID NO:

W--> 298 <400> 9

299 Cys His Pro Xaa Xaa Xaa Lys Val Pro Phe Phe Xaa Xaa Arg Xaa His

300 1 5 10 15

301 His Thr Cys Pro Cys Leu Pro

302 20

303 <211> LENGTH: 6

304 <212> TYPE: PRT

305 <213> ORGANISM: Artificial Sequence

307 <220> FEATURE:

308 <223> OTHER INFORMATION: Glu-Glu tag

E--> 310 <210> SEQ ID NO:

E--> 310 <400> SEQUENCE: 10

311 Glu Tyr Met Pro Met Glu

312 1 5

E--> 314 <210> SEQ ID NO: 11

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/680,755

DATE: 10/24/2003

TIME: 09:30:39

Input Set : A:\pto.pg.txt

Output Set: N:\CRF4\10242003\J680755.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:27 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:122 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:126 M:282 E: Numeric Field Identifier Missing, <210> is required.
L:126 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:126 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:2 differs:3
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=2
L:134 M:214 E: (33) Seq.# missing, SEQ ID NO:3
L:222 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:226 M:282 E: Numeric Field Identifier Missing, <210> is required.
L:226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:226 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:5 differs:6
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
M:341 Repeated in SeqNo=5
L:234 M:214 E: (33) Seq.# missing, SEQ ID NO:6
L:237 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:252 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:256 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:260 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:264 M:282 E: Numeric Field Identifier Missing, <210> is required.
L:264 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:264 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:7 differs:8
L:265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:274 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:278 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:282 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:286 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:290 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:294 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:298 M:282 E: Numeric Field Identifier Missing, <210> is required.
L:298 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:298 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:7 differs:9
M:341 Repeated in SeqNo=7
L:310 M:282 E: Numeric Field Identifier Missing, <210> is required.
L:310 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:7 differs:10
L:314 M:216 E: (34) Seq.#s missing, SEQ ID NOS: 8 thru 10